



## SEQUENCE LISTING

<110> WEIGEL, Detlef  
KARDAILSKY, Igor

<120> FLOWERING LOCUS T (FT) AND GENETICALLY  
MODIFIED PLANTS HAVING MODULATED FLOWER DEVELOPMENT

<130> SALKINS.026DV1

<140> 09/845,849

<141> 2001-04-30

<150> 09/060,726

<151> 1998-04-15

<160> 13

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 856

<212> DNA

<213> Arabidopsis thaliana

<400> 1

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Gly Gln Arg Glu Val Thr Asn Gly Leu Asp Leu Arg Pro Ser Gln Val
      35           40           45
Gln Asn Lys Pro Arg Val Glu Ile Gly Gly Glu Asp Leu Arg Asn Phe
      50           55           60
Tyr Thr Leu Val Met Val Asp Pro Asp Val Pro Ser Pro Ser Asn Pro
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65					70					75				80
His	Leu	Arg	Glu	Tyr	Leu	His	Trp	Leu	Val	Thr	Asp	Ile	Pro	Ala
				85					90					95
Thr	Gly	Thr	Thr	Phe	Gly	Asn	Glu	Ile	Val	Cys	Tyr	Glu	Asn	Pro
			100					105					110	
Pro	Thr	Ala	Gly	Ile	His	Arg	Val	Val	Phe	Ile	Leu	Phe	Arg	Gln
		115					120					125		
Gly	Arg	Gln	Thr	Val	Tyr	Ala	Pro	Gly	Trp	Arg	Gln	Asn	Phe	Asn
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Arg	Glu	Phe	Ala	Glu	Ile	Tyr	Asn	Leu	Gly	Leu	Pro	Val	Ala	Ala
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 aacaatataa acacgacacg atgaattcct gcagtgggac ttggattttc gtaacacaca 480  
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 ggccttagat ccaagccatt agtcacctct ctttgcccat aagtaacctt tagagtgatt 720  
 gatctattaa acggatcaag aacgtctcca acaactctgc ttactataag aggggtctct 780  
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<210> 4  
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 <212> PRT  
 <213> Rattus norvegicus

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 35 40 45

Pro	Leu	Glu	Leu	His	Trp	Val	Ile	Pro	Gly	Thr	Thr	Asp	Phe	Gly	Lys
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Glu	Val	Tyr	Glu	Pro	Arg	Pro	Gly	Ile	His	Arg	Val	Phe	Val	Leu	Phe
65					70					75					80
Arg	Gln	Gln	Arg	Gly	Ser	Arg	Phe	Asn	Thr	Arg	Phe	Ala	Tyr	Asp	Leu
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<210> 7  
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			20					25					30		
Ser	Asp	Pro	Arg	Glu	Trp	His	Leu	Val	Val	Gly	Asp	Ser	Gly	Tyr	Pro
			35				40					45			
Pro	Gly	His	Arg	Tyr	Val	Gln	Gln	Leu	Gly	Arg	Phe	Phe	Tyr	Leu	Gly
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<210> 8  
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 <212> PRT  
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			20					25					30		
Arg	Val	Glu	Ile	Gly	Asp	Leu	Arg	Leu	Tyr	Thr	Leu	Val	Met	Thr	Asp
			35				40					45			
Pro	Asp	Ala	Pro	Ser	Pro	Ser	Pro	Arg	Glu	Trp	His	Trp	Val	Val	Asp
			50			55					60				
Ile	Pro	Gly	Thr	Ser	Gly	Lys	Glu	Ile	Tyr	Pro	Arg	Pro	Pro	Gly	Ile
65					70				75					80	
His	Arg	Tyr	Val	Leu	Phe	Arg	Gln	Leu	Gly	Ser	Arg	Asn	Thr	Arg	Phe
				85					90					95	
Ala	Asp	Leu	Gly	Leu	Pro	Val	Ala	Val	Phe	Asn	Ala	Gln	Arg	Glu	Ala

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<210> 10  
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<210> 12  
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 Val Glu Ile Gly Asp Leu Arg Tyr Thr Leu Val Met Asp Pro Asp Pro  
 35 40 45  
 Ser Pro Ser Pro Leu Arg Glu Leu His Trp Leu Val Asp Ile Pro Thr  
 50 55 60  
 Thr Phe Gly Glu Ile Val Tyr Glu Pro Pro Gly Ile His Arg Val Phe  
 65 70 75 80  
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 Gly Leu Pro Val Ala Ala Val Phe Asn Gln Arg Glu Arg Arg  
 100 105 110

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<212> PRT  
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<400> 13  
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1 5 10